

## Key Features

### High Brightness and High Picture Quality

At 2000 ANSI lumens, native resolution the VPL-CX70 produces excellent quality images. Adopting Sony unique Virtual Lighting Source System with Sony 0.79-inch LCD panel and new 165W lamp.



## Easy Setup and Operation

### Powered Lens Protector

When power is switched on, the powered lens protector opens automatically. No more wasted time looking for a missing lens cover; it's always on the projector.

### Powered Tilt Adjuster

The VPL-CX70 offers a variety of features that make setup and operation quick and smart.

### Auto Keystone Correction

Vertically keystone distortion is automatically corrected according to the tilt angle. Keystone distortion can be corrected up to 20 degrees.

### Auto Input Search

The VPL-CX70 automatically checks the projector's input connectors and selects the one to which an input signal is supplied. Images are projected from the moment the power is turned on. Vertically keystone distortion is automatically corrected according to the tilt angle. Keystone distortion can be corrected up to 20 degrees.

### Smart APA (Auto Pixel Alignment)

The smart APA functions automatically size and adjust PC image displays for optimum picture performance allowing users to concentrate on their presentations, rather than time-consuming technical adjustments.

### Side Shot™ Horizontal Keystone Adjustment

Side Shot digital horizontal keystone adjustment capabilities allow you to effortlessly align the picture at the press of a button. This technology allows you the convenience of placing the projector off-axis from the center of the screen when necessary.

### OFF&GO

The VPL-CX70 incorporates a built-in circuit that continues to run its cooling fan after the power is cut. This feature allows you to unplug the projector and carry it away without waiting, because the fan continues to cool the unit. Turn off the projector in accordance with the operating instructions. The projector should be cool before inserting into the carrying case.

### Quiet Operation

The VPL-CX70 is an incredibly quiet projector considering its ability to produce a brightness of approximately 2000 ANSI lumens. The low fan noise is attributed to a highly efficient cooling system based on the latest technology from high-end home projector systems. By adopting this technology, the fan noise can be suppressed to approximately 30dB allowing for smooth, undisturbed presentations. \* This noise level is achieved when the projector's lamp mode is set to standard.

### Advanced Intelligent Auto Setup with Auto Focus

Advanced Intelligent Auto Setup allows presentations to be started immediately. As soon as the power is turned on, the projector initiates a host of sophisticated setup functions.

The shooting angle can be set using the power-operated tilt adjuster via the supplied Remote Commander. The new setting is retained in memory and instantly recalled the next time the projector is used.

### Auto Focus

The focus is adjusted automatically. This convenient function is attributed to built-in cameras, which measures the distance. No more wasted time waiting the picture is displayed then adjusting the focus.

### Short Focal-Length Lens, Power Focus, Power Zoom

The short focal-length lens enables a large screen size from a short throwing distance. An 80-inch image can be projected from a distance of only 2.4 meters.

- Viewable area, measured diagonally
- The projection size that can be adjusted with the automatic focus adjustment is from 40-inch up to 150-inch.

## Effective Presentation

### Various Inputs (Multiscan Converter)

The VPL-CX70 comes equipped with a scan converter to accept a wide variety of input signals - both computer images and video. For computer images, the VPL-CX70 supports signals ranging from VGA up to SXGA+ (1400x150, fH 60Hz). For video, it accepts component and composite signals, in addition to S-Video and RGB signals. Input signals with a variety of scanning lines, as well as interlace and progressive modes, are supported.

### Easy-to-Use Remote Commander Units

The VPL-CX70 is supplied handy Remote Commander unit, the RM-PJM17. The RM-PJM17 is a full-function remote, to control and set up the projector.

## Security

### Control Panel Key Lock

The control panels on both the top and the side of the projector can be locked, preventing inadvertent or unauthorized adjustment of the controls.

### Password-Authentication System

Once a user sets a password, the projector cannot be used without it. This function prevents unauthorized use of the projector.

### Security Lock

It is possible to connect to an optional security cable such as Kensington's.

## General

### Selectable Lamp Wattage

The lamp wattage is selectable between 165W and 135W in the menu

### On Screen Multi-Language Setup Menu

The On-Screen Display for projector control is available in 15 languages: English, Dutch, French, Italian, German, Spanish, Portuguese, Russian, Swedish, Norwegian, Japanese, Chinese (Simplified), Chinese (Traditional), Korean, and Thai.

### Eco-friendly

When set to "On" in OSD menu "Power Saving" the VPL-CX75/70 goes into power saving mode if there is no operation for 10 minutes with no signal input.

### Freeze Function

The VPL-CX70 can freeze a picture when a signal from a PC is input. During the picture freeze, the presenter can operate the PC for setting up the next presentation file or images.

### Digital Zoom Function

Up to 4x digital zoom is available which can be controlled via the supplied Remote Commander unit. One section of the projected image can be zoomed in to show details of the image.

### Picture and Audio Muting Function

The VPL-CX70 can mute the picture and audio temporarily. It is useful for video presentation or class discussions.

## Installation Flexibility

### Ceiling Mountable

The VPL-CX70 is designed for use in a variety of environments. Even with its compact design, it functions equally well when installed for ceiling or floor. The VPL-CX70 can be ceiling mounted. Screw holes on the bottom plate are provided for use with a suspension-type bracket.

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<b>Model Name</b>	<b>VPL-CX70</b>	
<b>Projection System</b>	3 LCD panels, 1 lens projection system	
<b>Panel</b>	0.79-inch XGA LCD panel, 786,432 (1024 x 768) x3	
<b>Lens</b>	Zoom	1.2 times
	F	1.6 to 1.78
	f	f23.5 to 28.2mm
<b>Lamp</b>	165/135W UHP	
<b>Screen Size</b>	40" to 300" (measured diagonally)	
<b>Keystone Correction Range</b>	Max. +/- 30 degrees vertically, +/- 20 degrees horizontally	
<b>Light Output</b>	2000/1600 ANSI lm (lamp mode high)	
<b>Throwing Distance*</b>	80-inch	2.4 to 2.7 m
	100-inch	3.0 to 3.1 m
<b>Resolution</b>	Video	750TV lines
	RGB	1024x768
<b>Acceptable Signals</b>	Computer	fH: 19-72kHz, fV: 48-92Hz (Up to SXGA+ (60Hz))
	Video	15kHz RGB/Component 50/60Hz, Progressive Component 50/60Hz
		DTV (480/60i, 575/50i, 480/60p, 575/50p, 540/60p, 720/60p, 720/50p, 1080/60i, 1080/50i)
		Composite video, Y/C video
<b>Colour System</b>	NTSC3.58, PAL, SECAM, NTSC4.43, PAL-M, PAL-N, PAL60	
<b>Speaker</b>	Mono	Mono 1W(max)x1
<b>Input</b>	RGB/Component	Analog RGB (HD 0-sub 15 pin x 1)
	S-Video	Y/C Mini DIN 4pin
	Composite	Composite video (RCA pin jack)
	Audio	stereo mini jack
	USB	Uptream (B type, x1)
	Wireless LAN	-
	Memory Stick	-
<b>Output</b>	NO	
<b>HDTV/DTV</b>	YES	
<b>Dimension (WxHxD)</b>	mm	298 X 69 X 243.5 mm
	inch	11.7 x 2.7 x 9.6 inches
<b>Weight</b>	kg	Approx. 2.9 kg
	lb	Approx. 6 lbs 4 oz
<b>Power Requirements</b>	AC 100 to 240V, 50/60Hz	
<b>Power Consumption</b>	Max	240W
	Standby	4W
<b>Operating Temperature</b>	0 to 35 degrees Celsius (32 to 95 F)	
<b>Operating Humidity</b>	35% to 85% (no condensation)	
<b>Heat Dissipation</b>	819 BTU	
<b>Image Flip</b>	YES	
<b>Remote Commander</b>	RMP PJM17	
<b>Off &amp; Go</b>	YES	
<b>Security Lock (Kensington)</b>	YES	
<b>D. Zoom</b>	YES	
<b>Freeze</b>	YES	
<b>Security (by software)</b>	Password	-
	Panel Key Lock	-
<b>Picture Mode</b>	YES	
<b>Illumination Menu</b>	YES	
<b>High Altitude Menu</b>	YES	
<b>OSD (language)</b>	15-language (English, French, German, Italian, Spanish, Portuguese, Japanese, Chinese, Korean, Russian, Dutch, Norwegian, Swedish, Thai)	
<b>Safety Regulations</b>	UL950, cUL (CSA No.60950), FCC Class B, IC Class B, DEMKO (EN60950), CE (LVD, EMC), C-Tick	
<b>Supplied Accessories</b>	Remote Commander (RM-PJM17), AA size batteries (2), HD 0-sub 15 pin cable, Air filter, Carrying Case, Operating instructions (CD-ROM), Quick reference manual, Security label (Warranty Booklet@local), (AC Power Cord, 2 pole @local)	

